

09/800597

FIG. 1

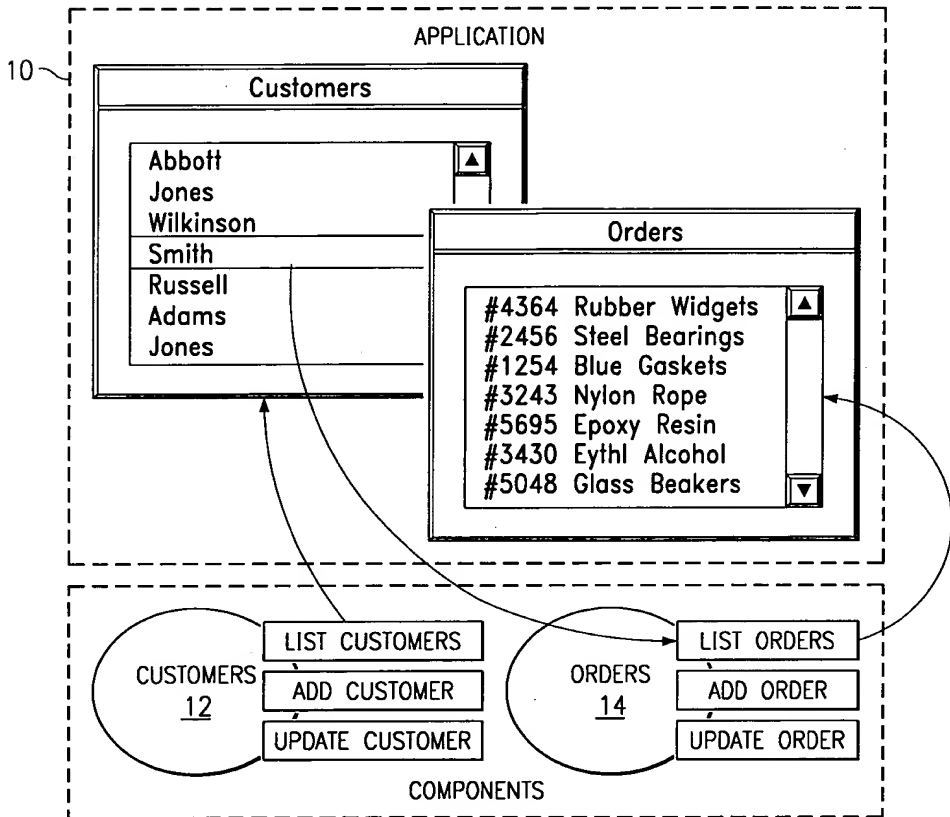


FIG. 2

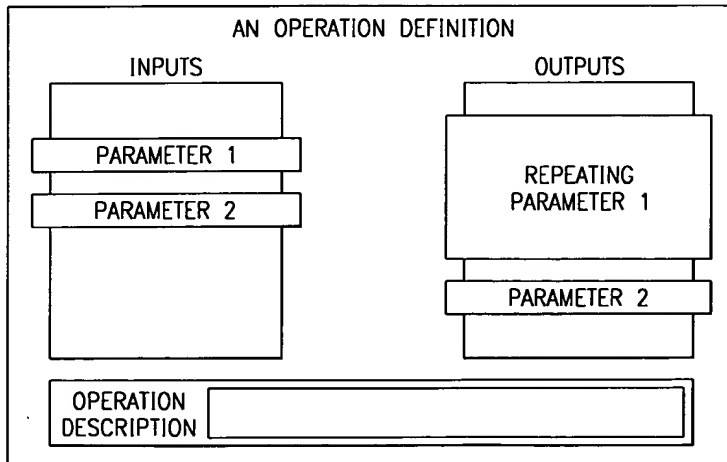


FIG. 3

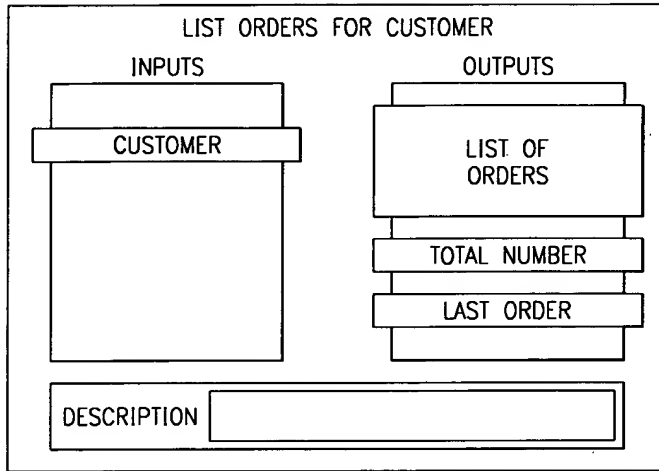
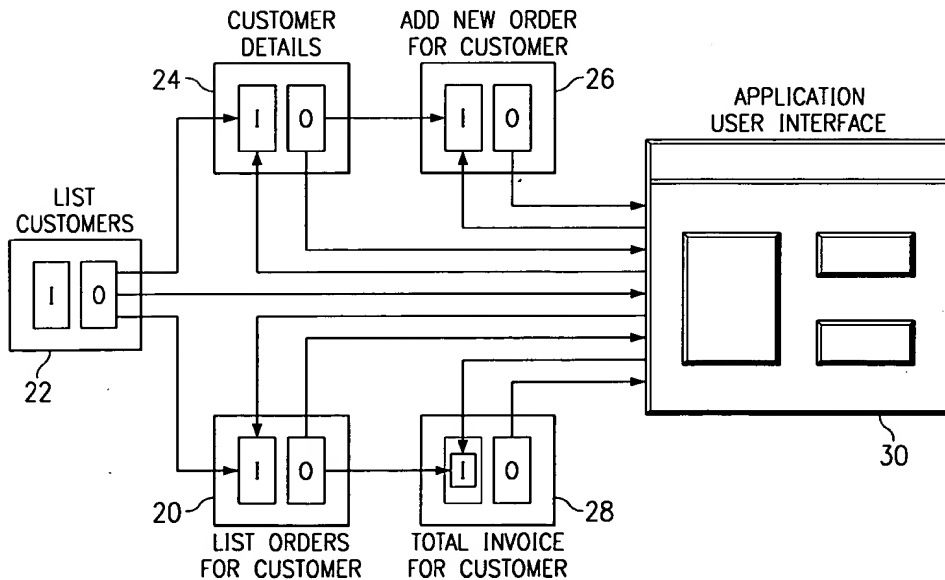


FIG. 5



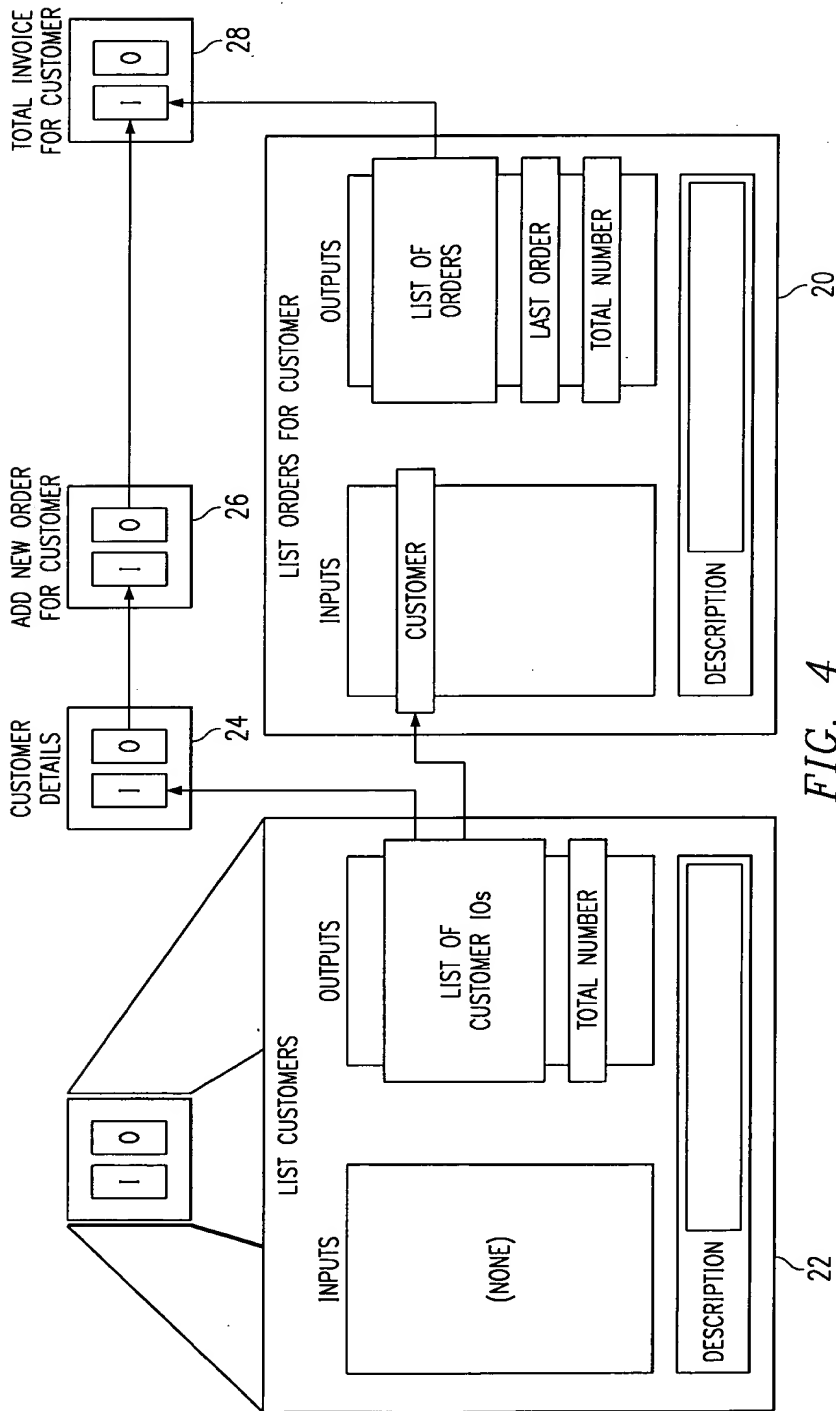
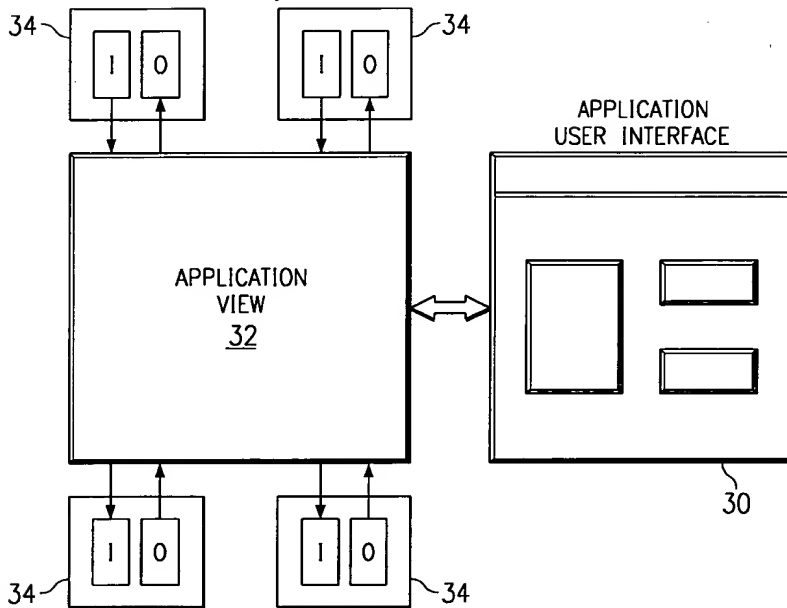


FIG. 4

FIG. 6



00000507:020601

40 FIG. 7A

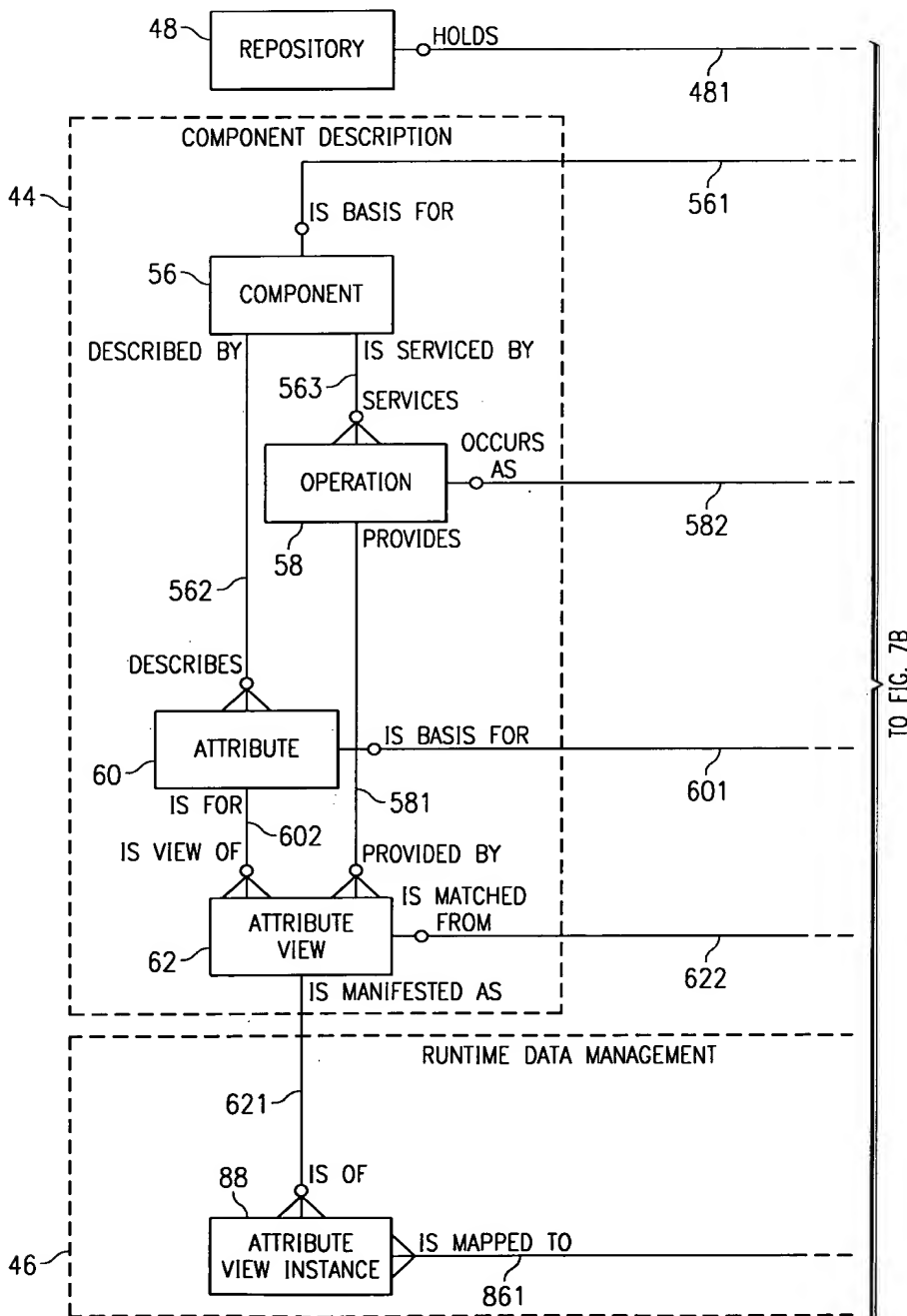


FIG. 7B

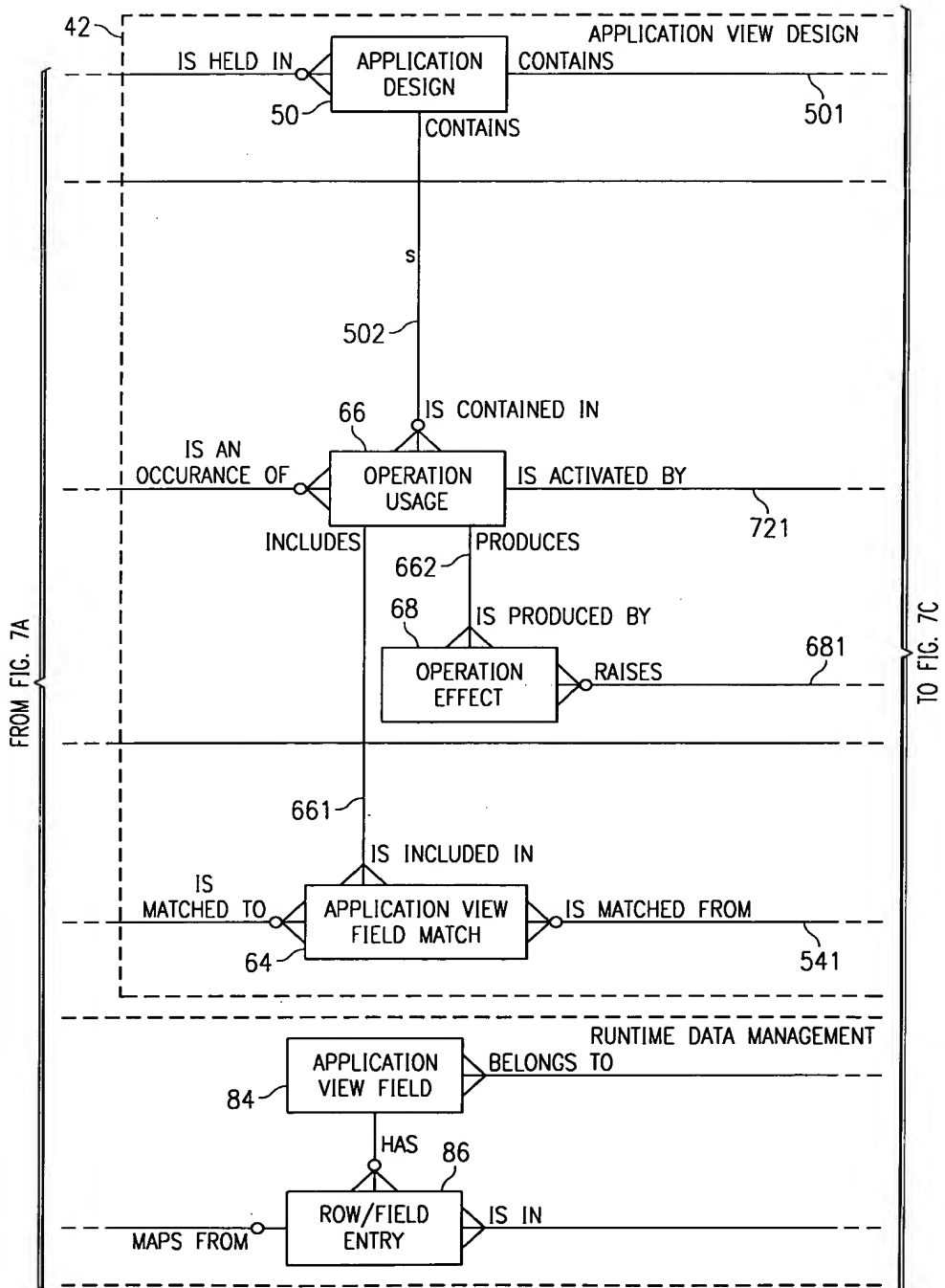
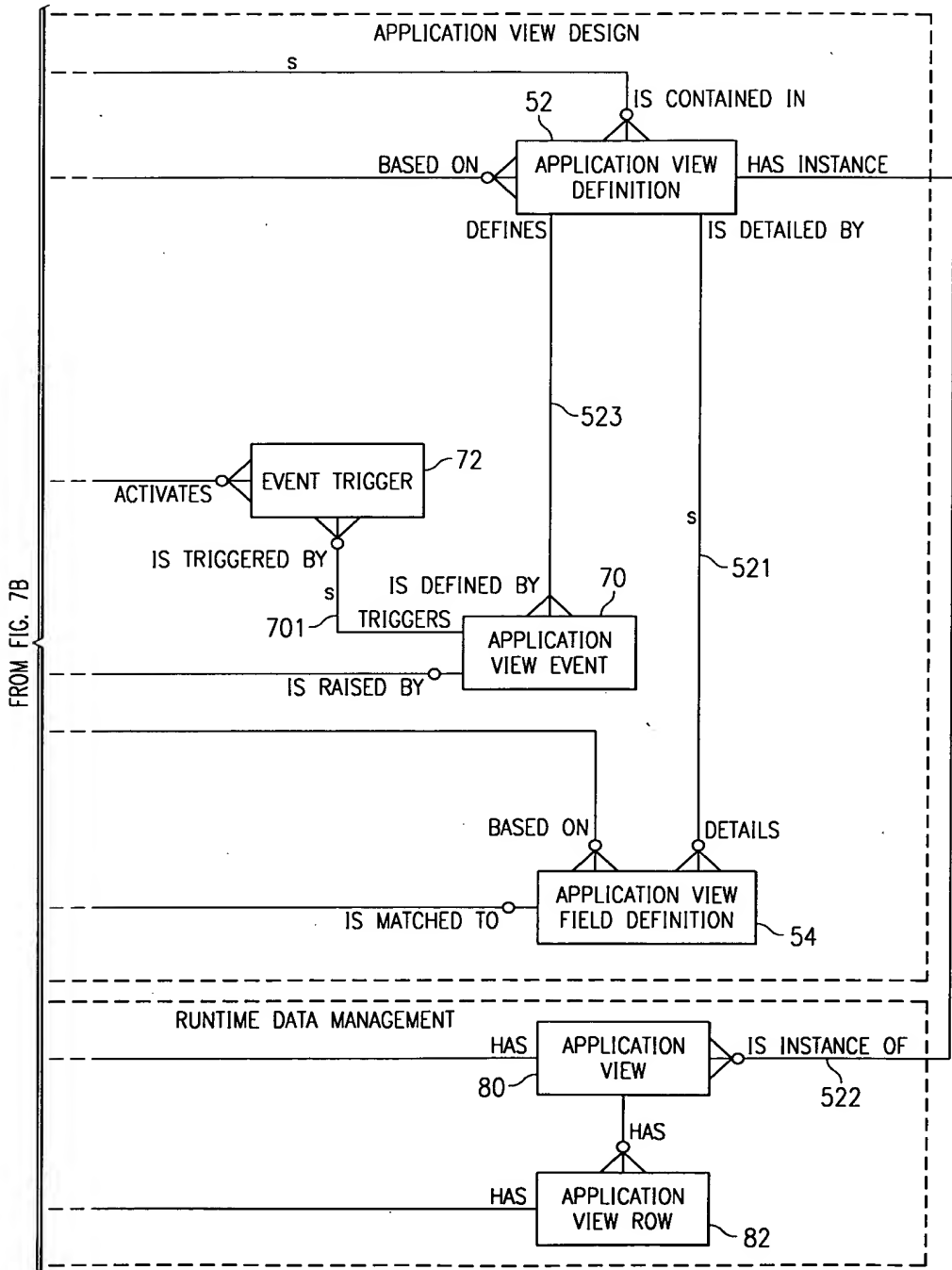


FIG. 7C



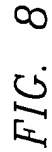


FIG. 9

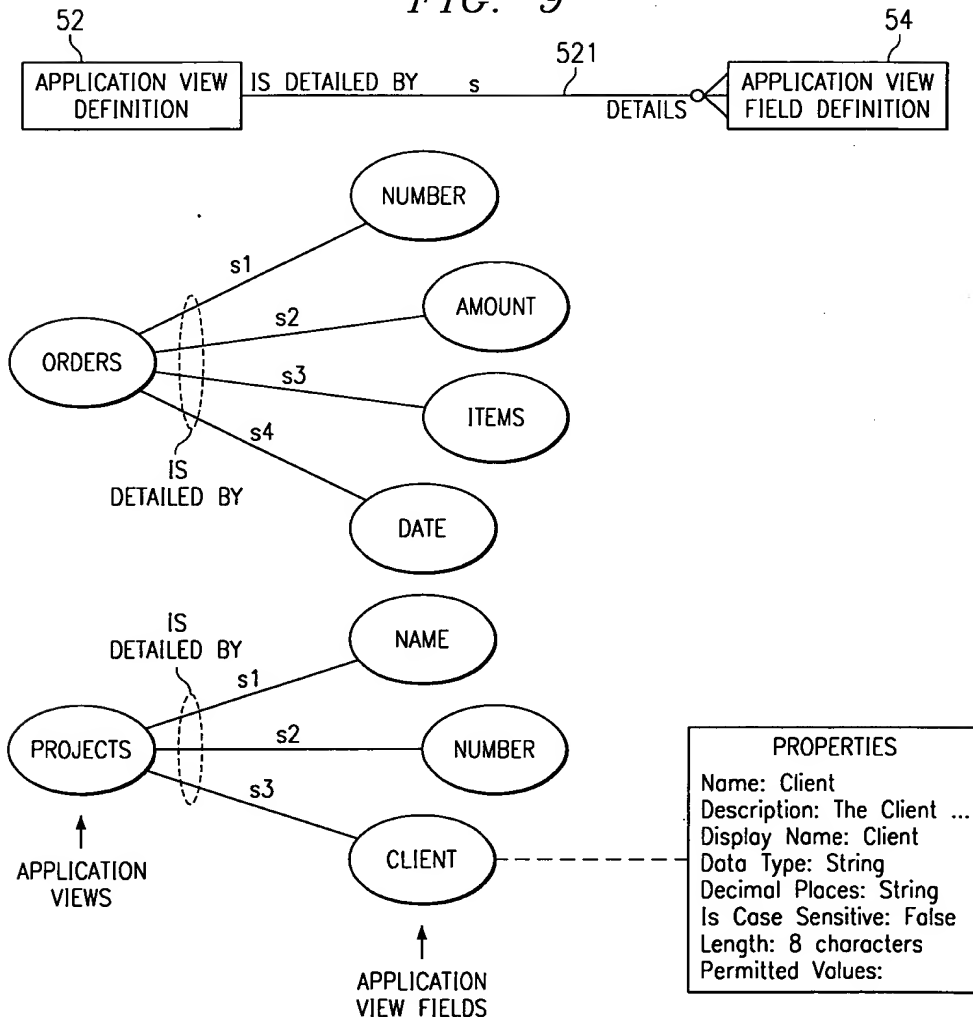
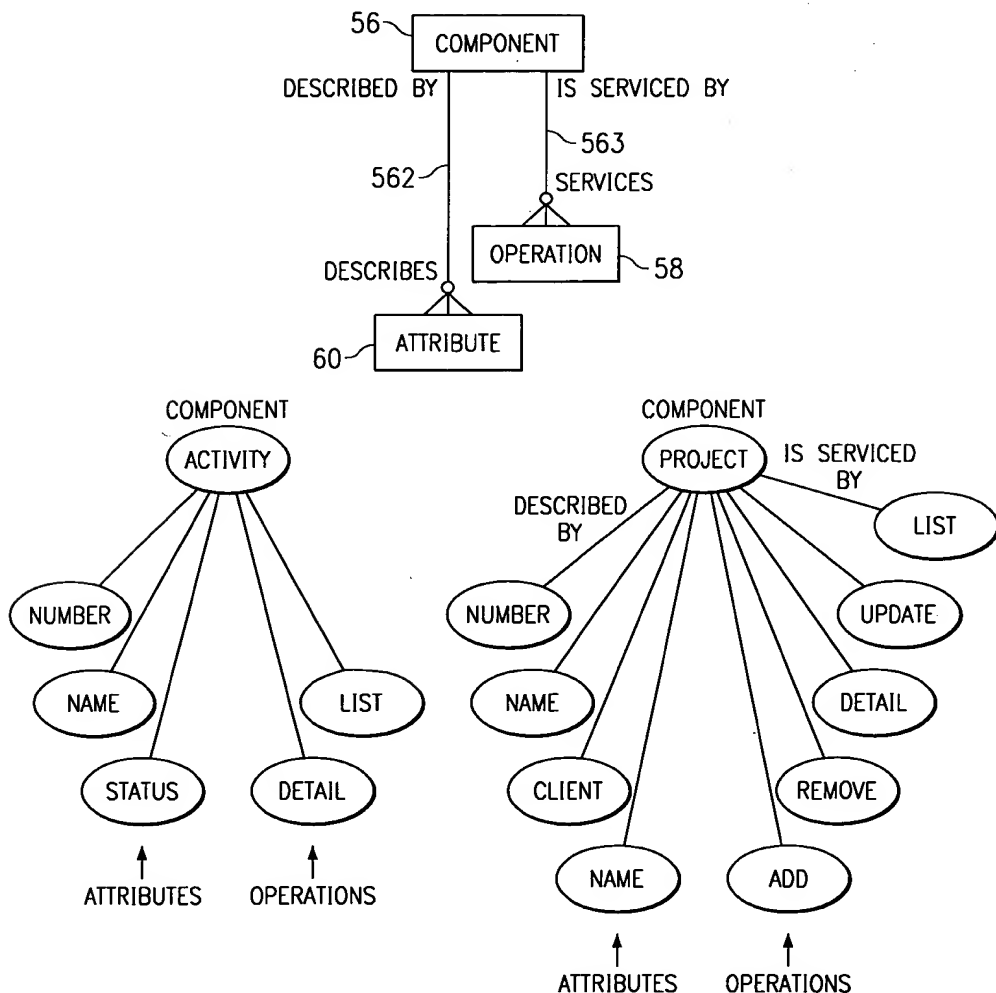
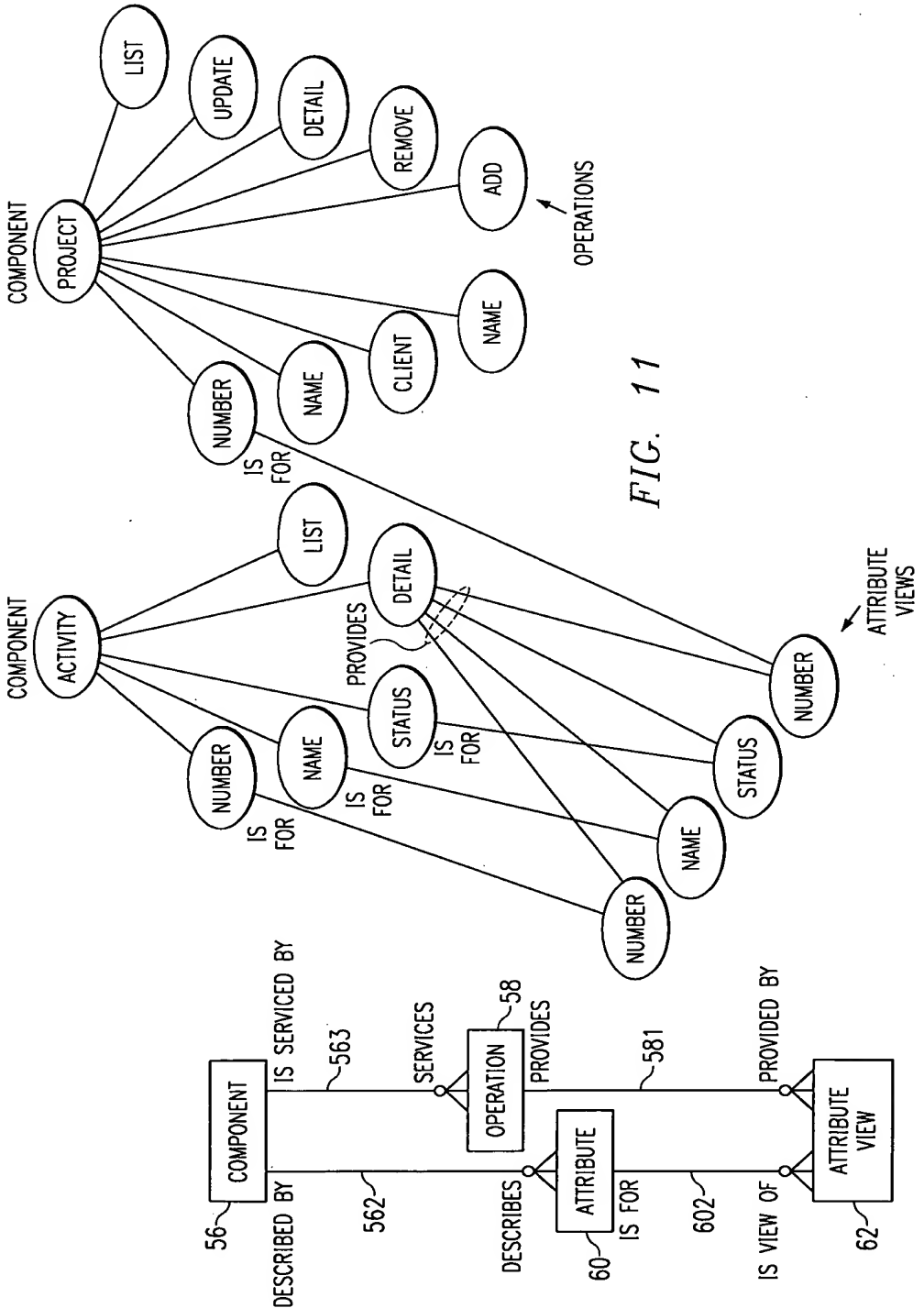


FIG. 10





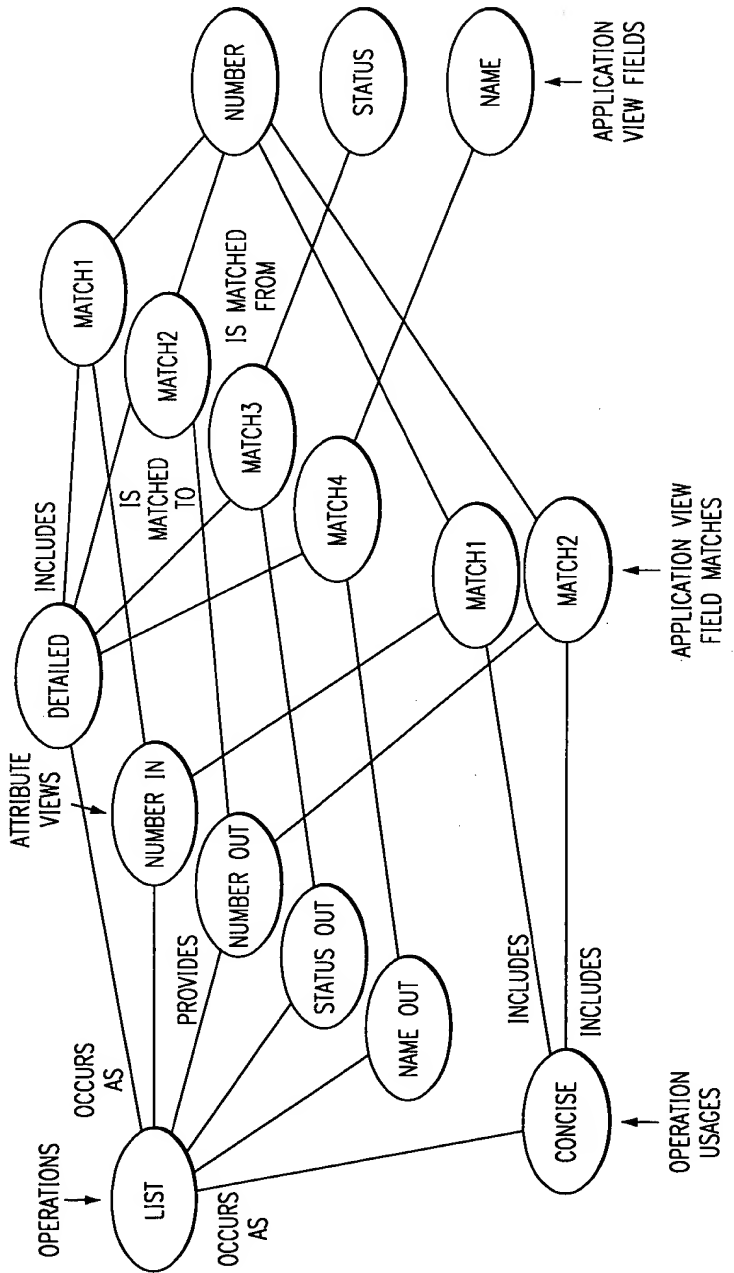
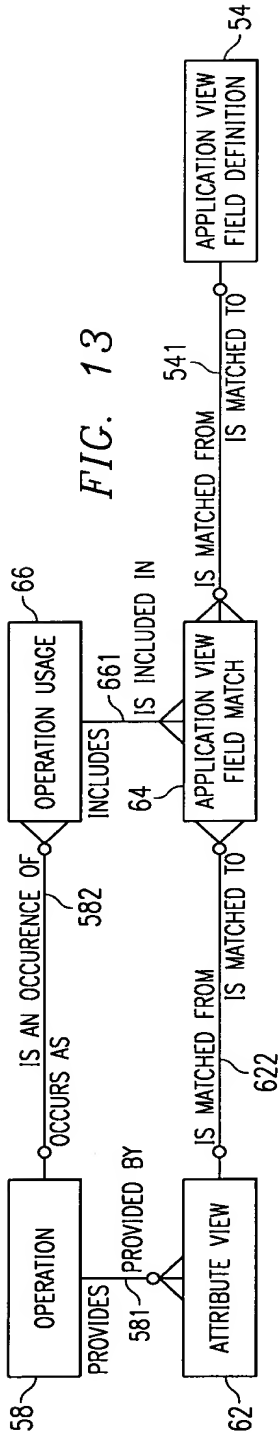


FIG. 14A

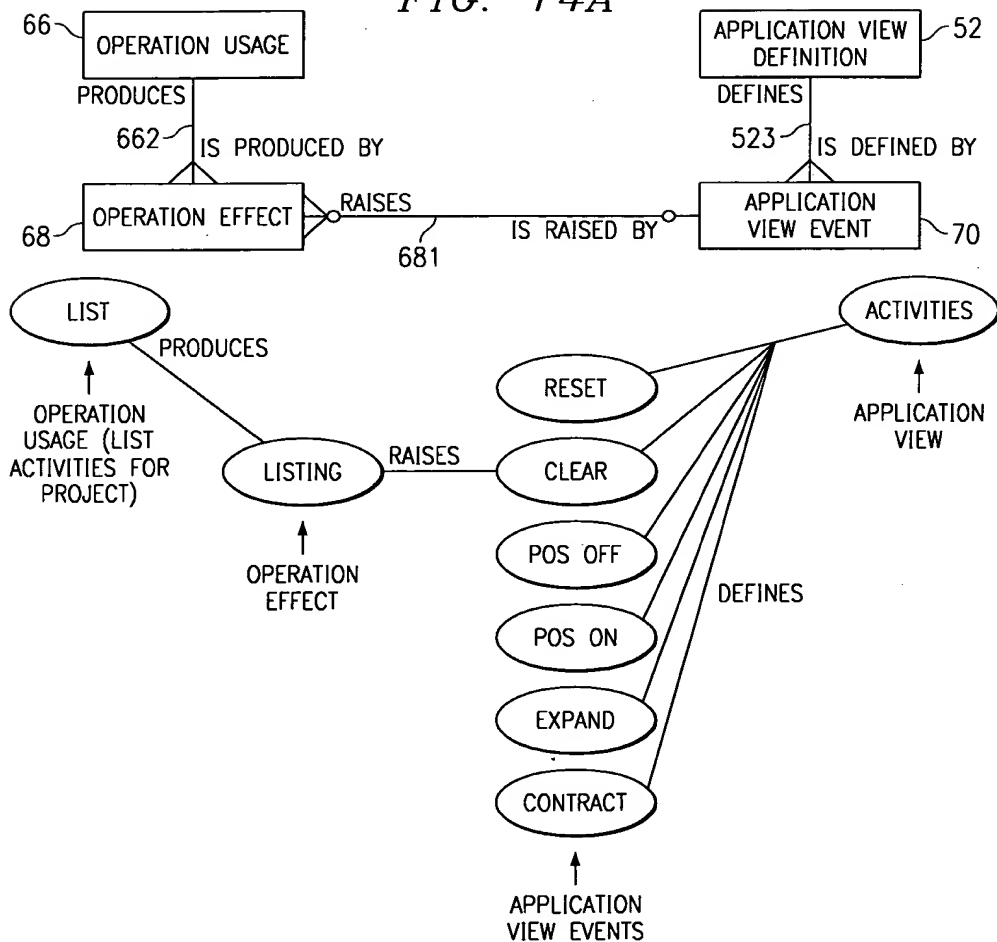
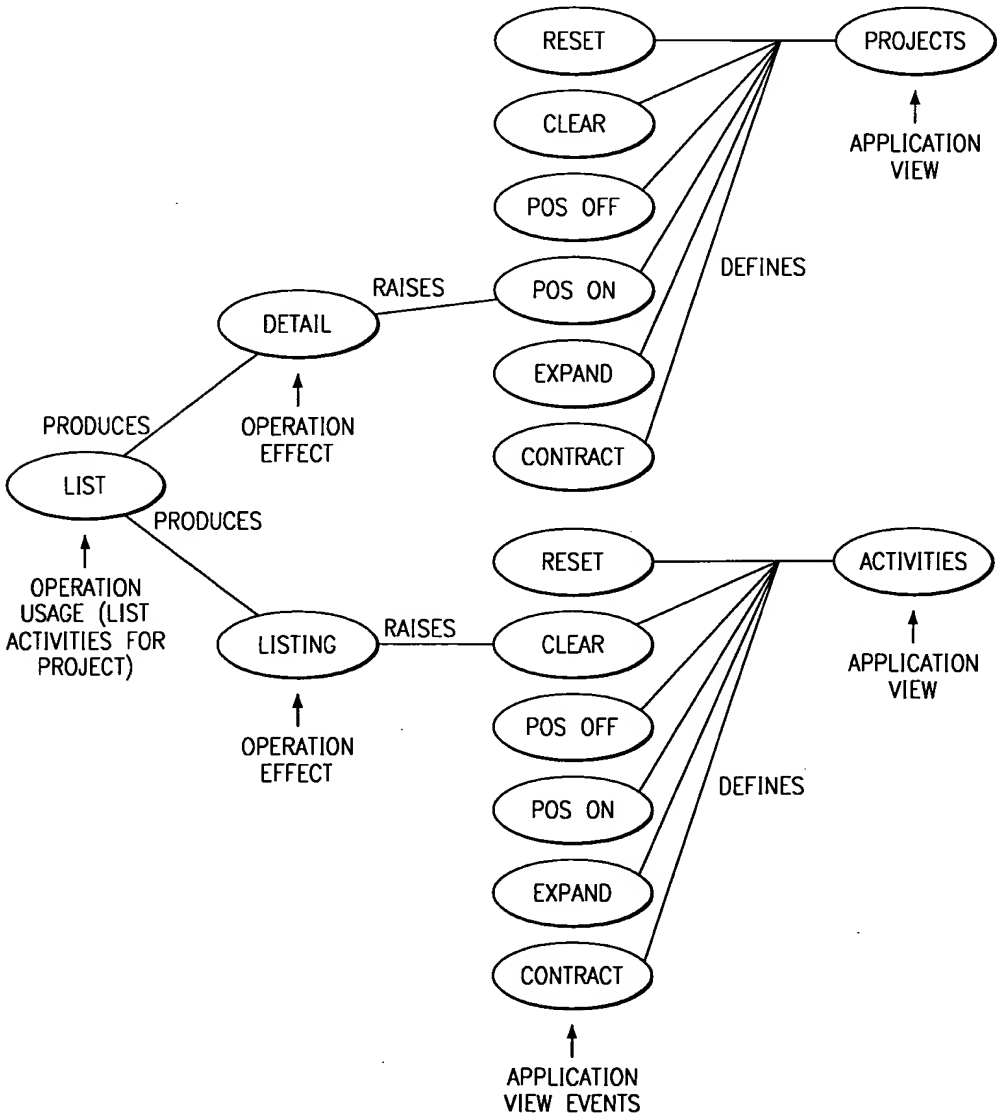
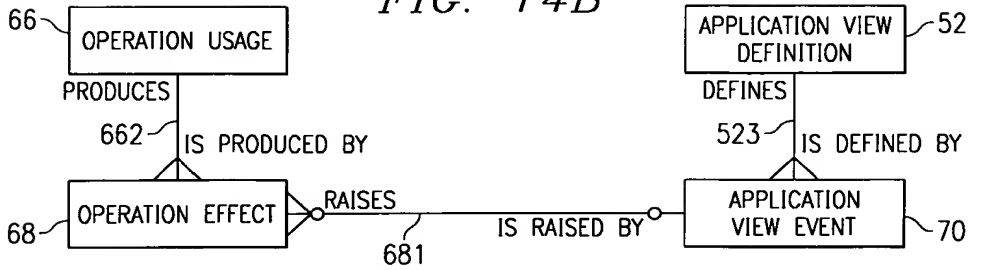


FIG. 14B

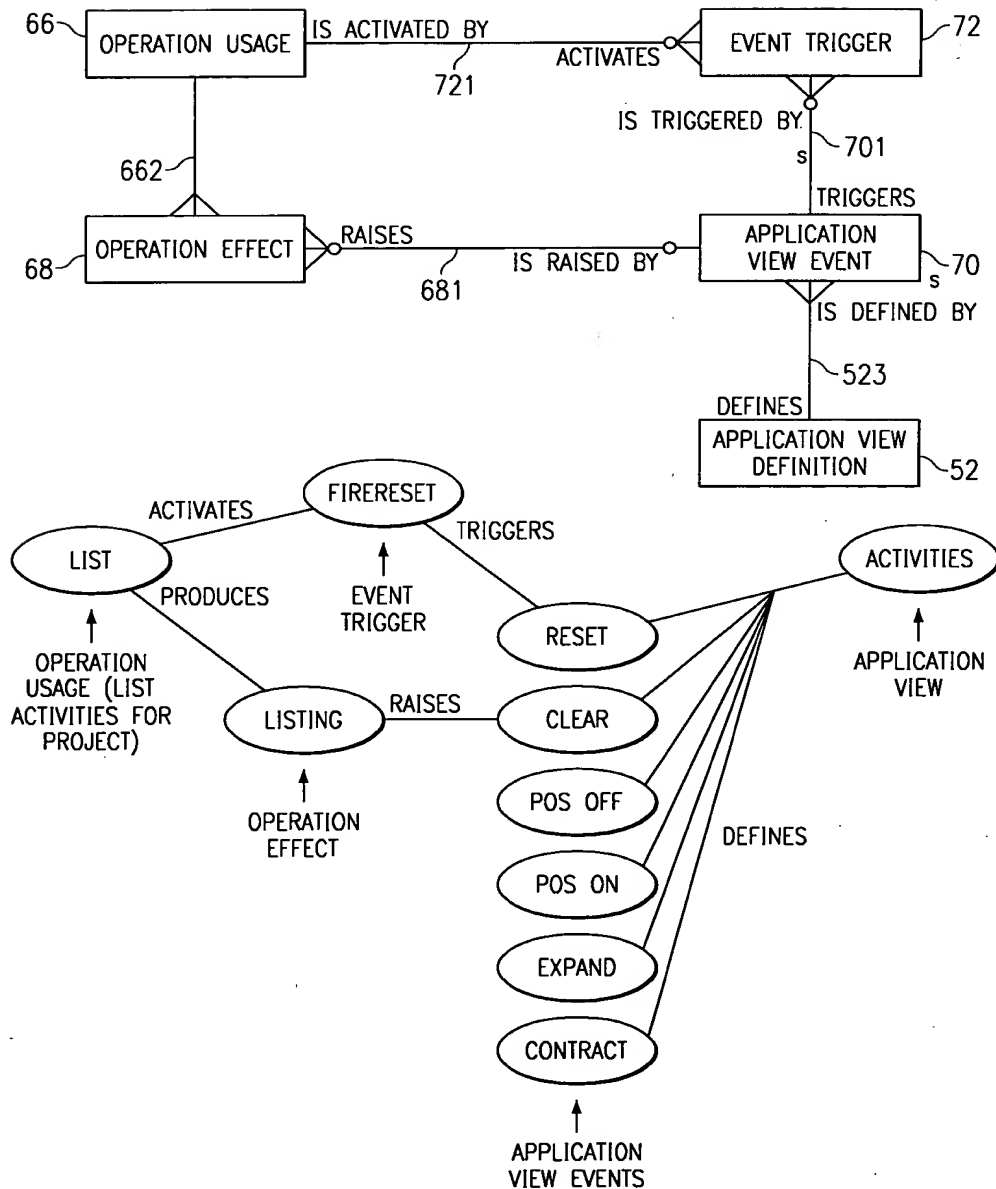


00000507-020601

[illegible]

X: ALLOWED COMBINATION
 DEP: ALLOWED ON DEPENDENT APPLICATION VIEWS
 INPUT - ONLY USES INPUT VALUES
 UPDATE - INPUT ATTRIBUTE VIEW ANY CONTAIN USER SUPPLIED VALUES
 * IDENTIFIES SINGLE DEFAULT LISTING OPERATION

FIG. 16



0000507-020501

FIG. 17A

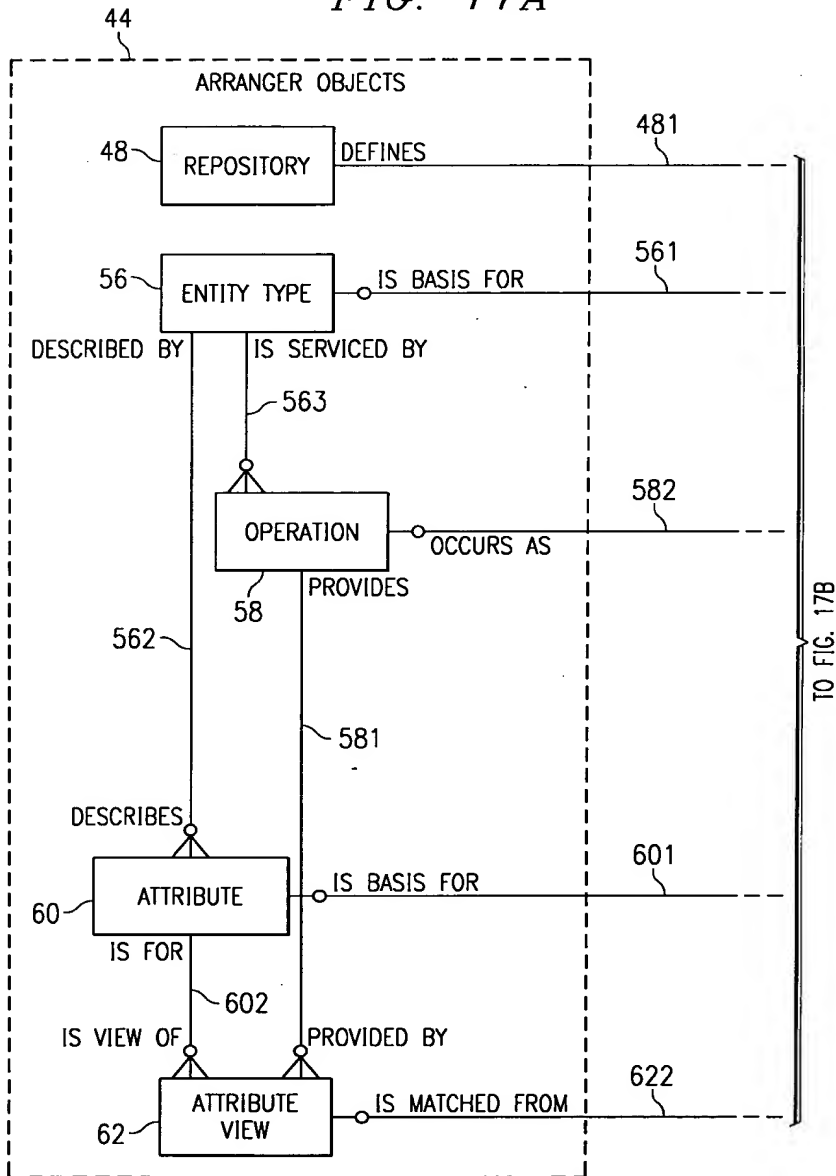


FIG. 17B

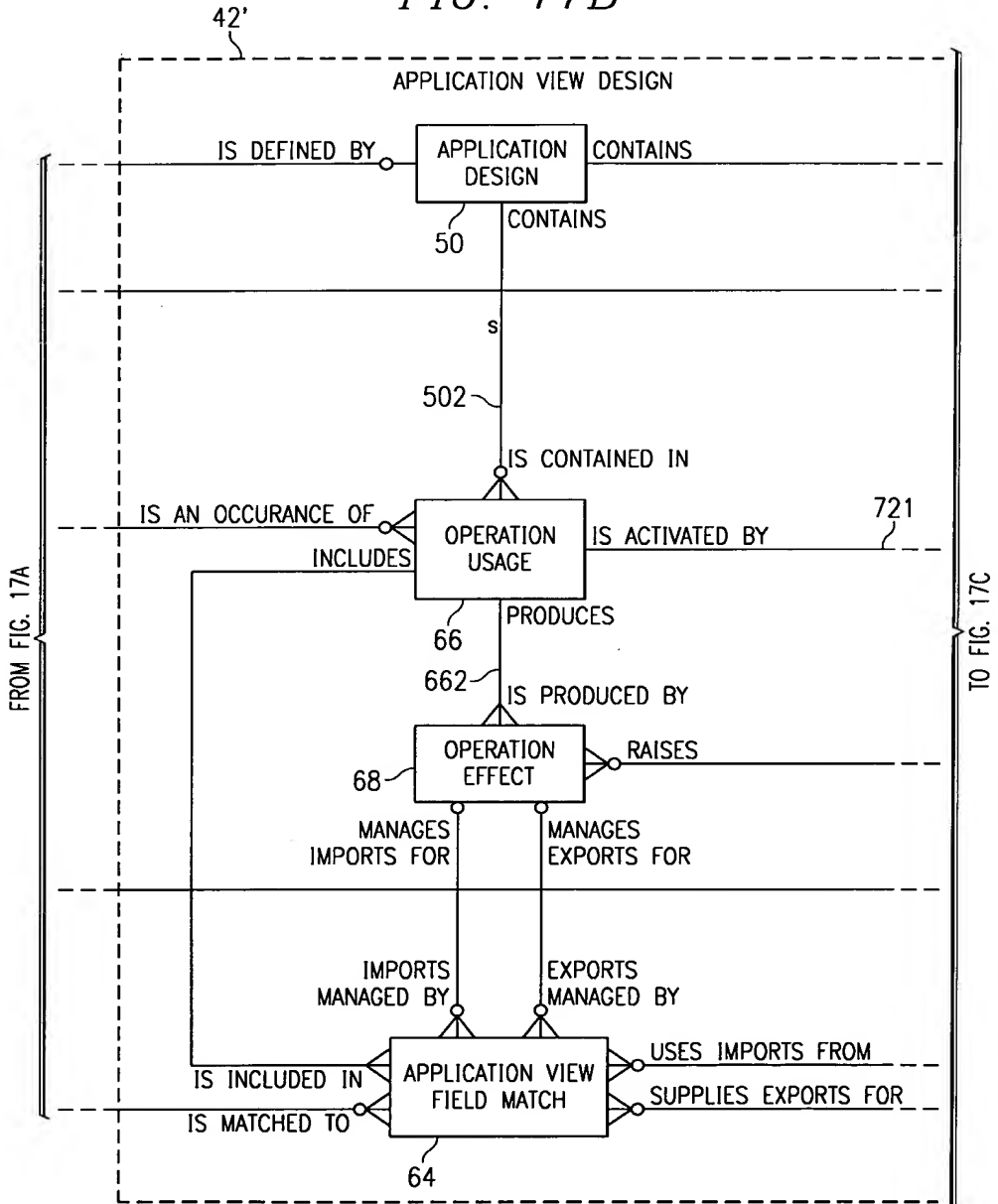
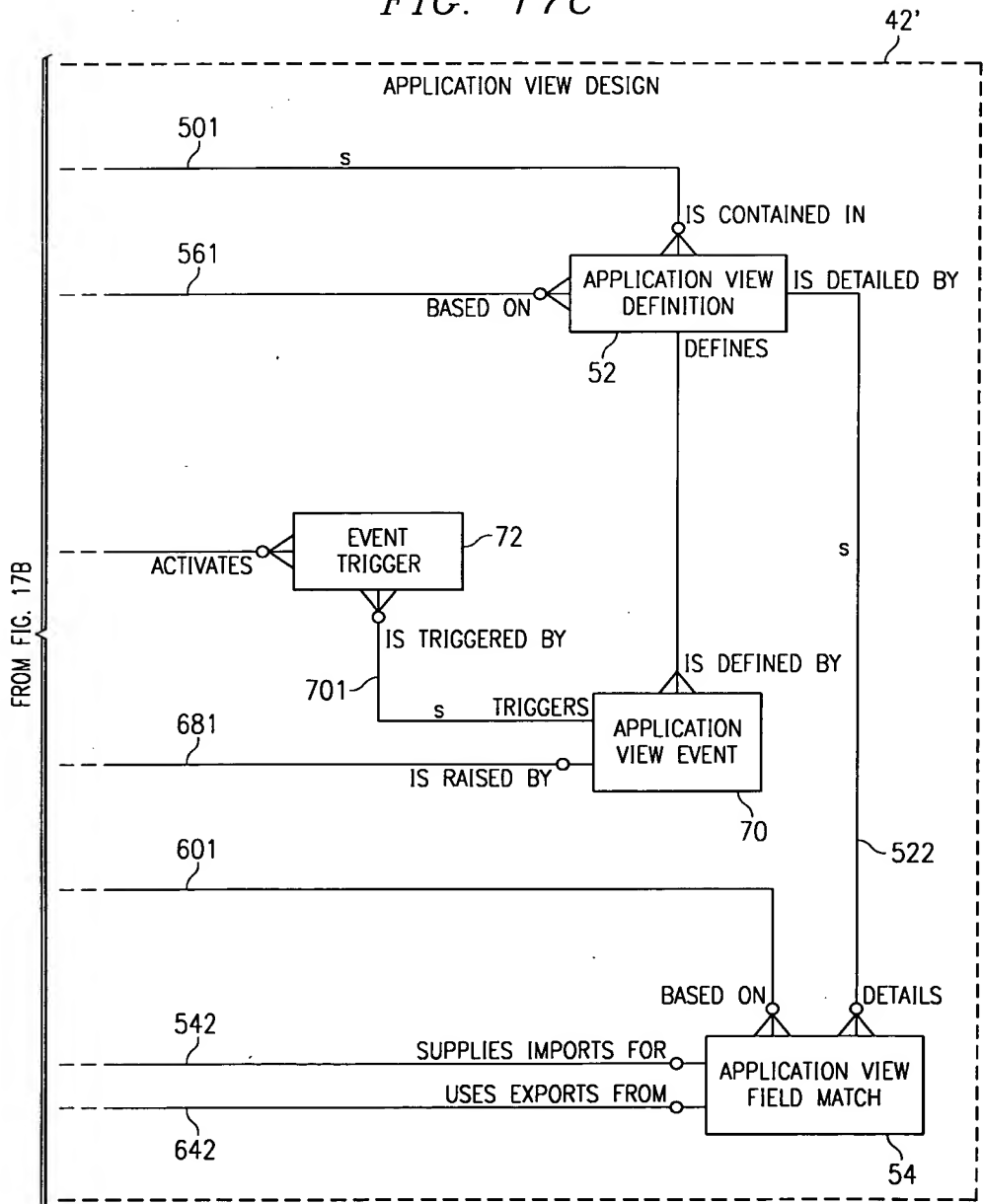


FIG. 17C



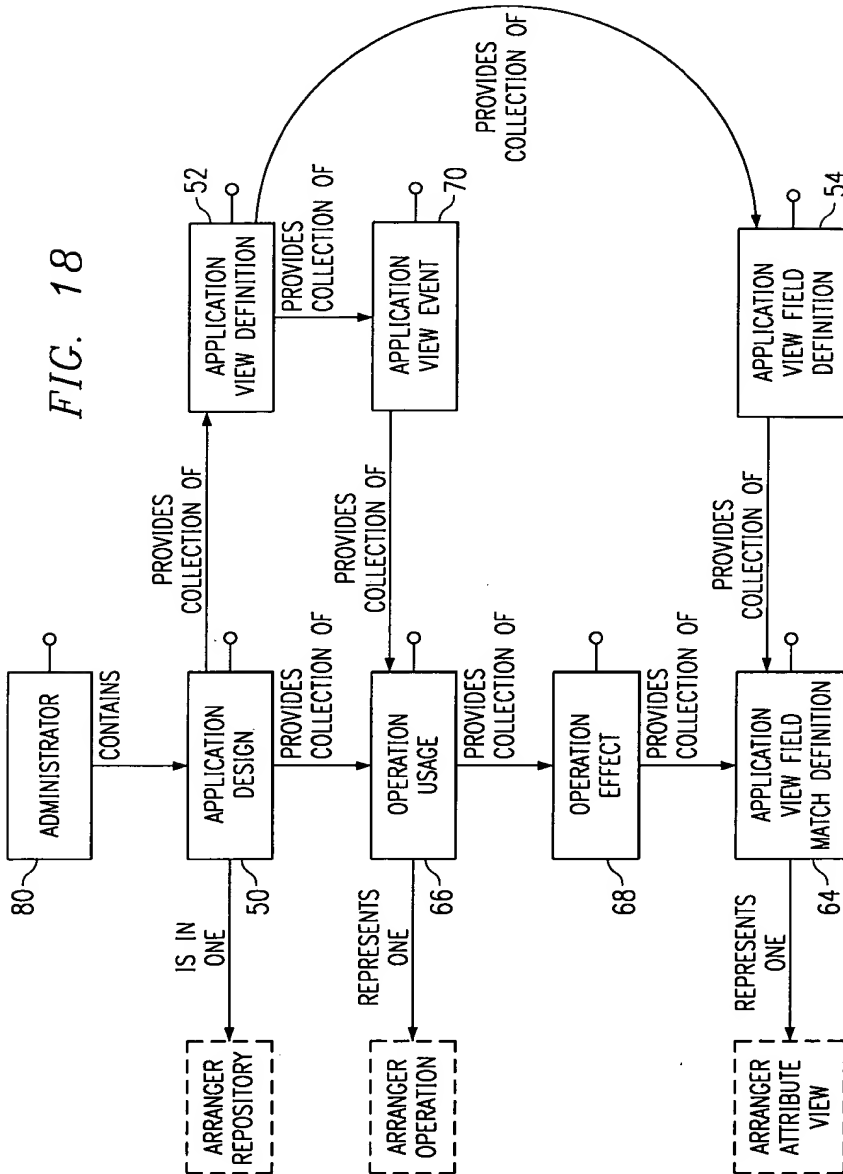


FIG. 19

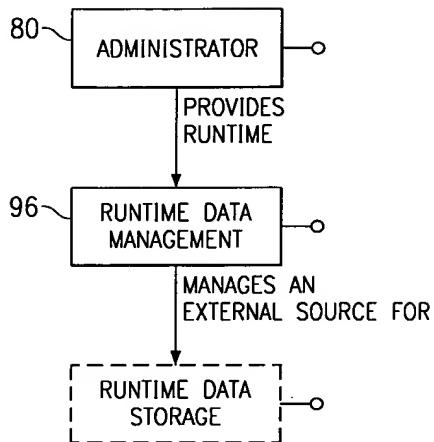


FIG. 20

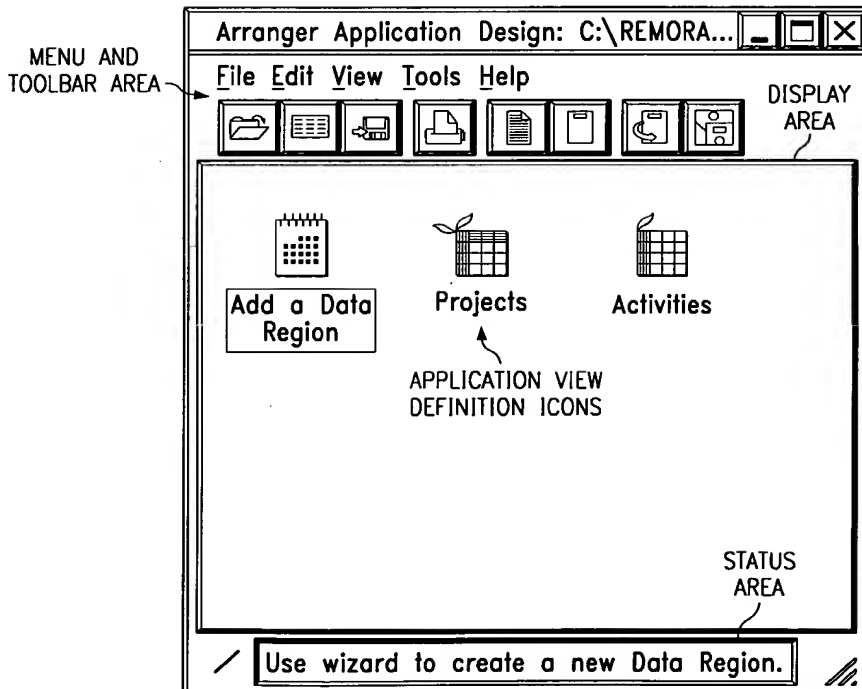


FIG. 21

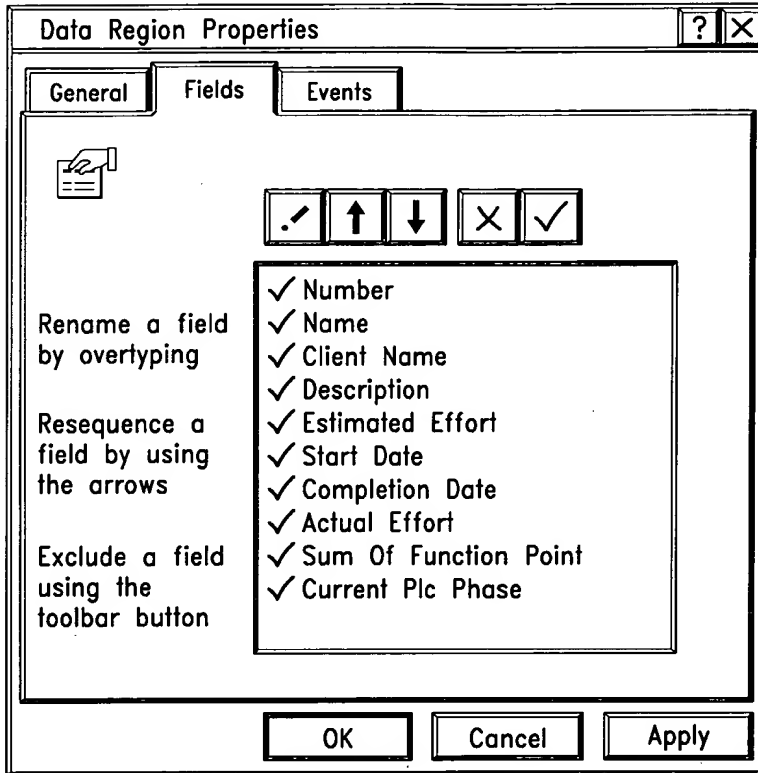


FIG. 22

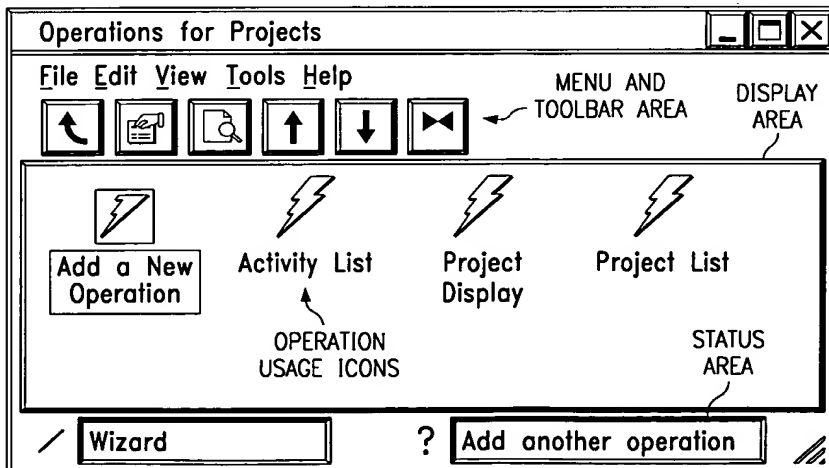


FIG. 23

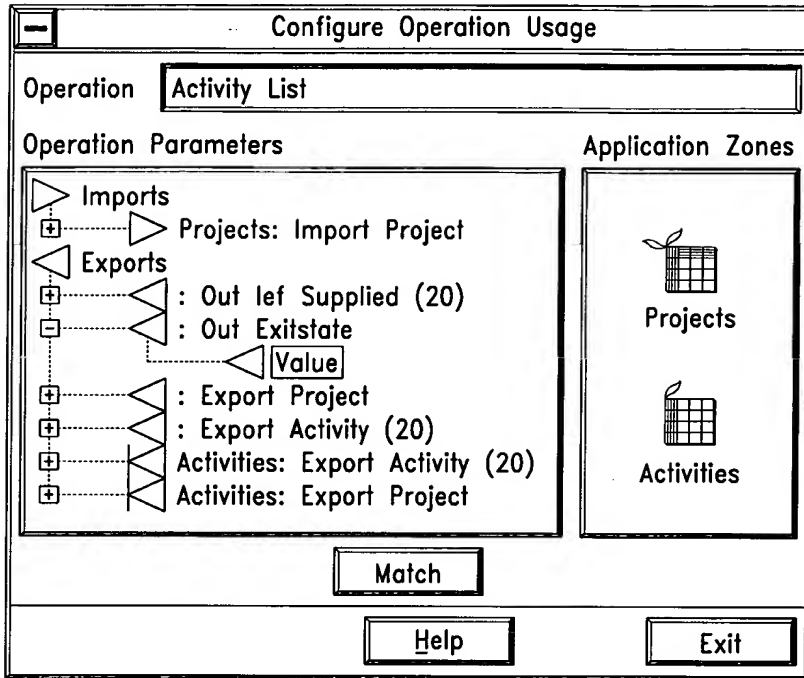


FIG. 25

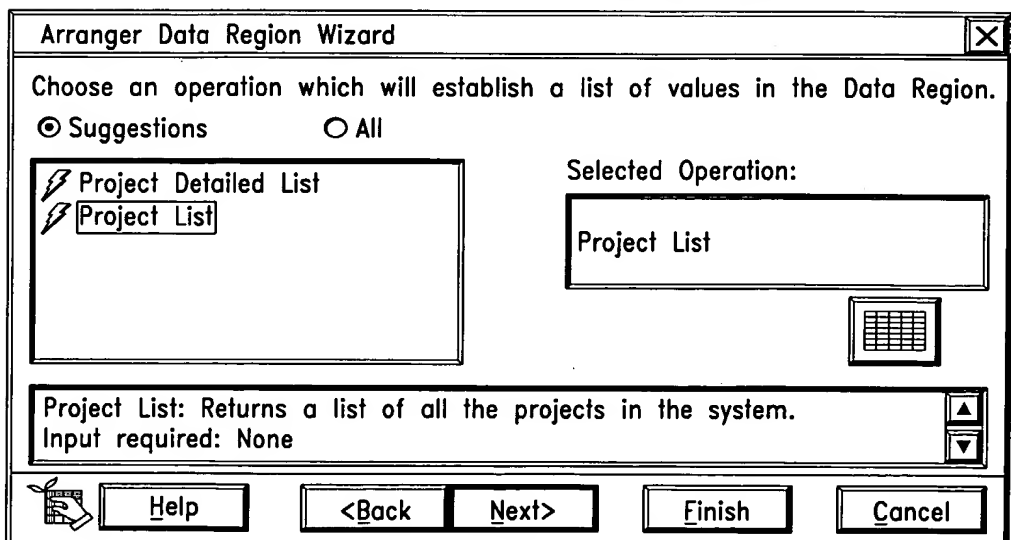


FIG. 24

Arranger Data Region Wizard

Supply a name and description for the Data Region

STEP-SPECIFIC INFORMATION AREA

Data Region Name:

Description:

Optionally choose a Business Object that the Data Region will represent.


☒ Suggestions ☐ All

- > Activity
- > **Project**
- > Person

CONTEXT SPECIFIC DESCRIPTION AREA

Selected Business Object:

ICONIC REPRESENTATION OF THE CURRENT STATE OF THE APPLICATION VIEW



A large amount of work which is required to be completed by one or several people. It is uniquely identified by a project number and name, assigned on creation.

USER INTERFACE CONTROLS COMMON TO ALL STEPS

FIG. 26

Arranger Data Region Wizard

Select and include operations. Characterize their effect on rows in the Data Region by placing under the appropriate heading.

Candidate Operations:

- Project List Team Members
- Project Delete Team Member
- Project Update Team Member
- Project Update
- Project Display
- Project Add Team Member
- Project Add
- Project Delete

Selected Operations:

- Retrieves a row
- Updates a row
- Creates a row
- Removes a row

Buttons: Help, <Back, Next>, Finish, Cancel

FIG. 27

Arranger Data Region Wizard

More information is needed from other sources because:

- Import Person Id is required
- Import Person Name is required

Choose each unsatisfied item to detail where the information should come from.

For each selected information need source it from:

☐ existing Data Region ☒ new Data Region

Person Data Region

☐ leave unsatisfied

Project Add Team Member requires a source for Import Person Name

Buttons: Help, <Back, Next>, Finish, Cancel

FIG. 28

Arranger Data Region Wizard

More information is available to be mapped to other Data Regions:

☐ Project List Team Members can list Export
☐ Project List Team Members can list Export
☒ Project List Team Members can list Export

Choose each extra item to detail where the information should be mapped.

For each selected extra item map it to:

☐ existing Data Region ☒ new Data Region

Team Members Data Re

☐ leave unmapped

Project List Team Members can supply a list of Export Team Member from the group Out Team Member List to provide values in another Data Region


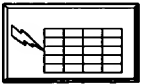

 **Help** **<Back** **Next>** **Finish** **Cancel**

FIG. 30

Arranger Data Region Wizard

 You have successfully completed creating a Data Region called:

Project Data Region 

Unfinished Data Regions

☐ Team Members Data Region

You can select an unfinished Data Region from the list if you wish to work on that next.


 **Help** **<Back** **Next>** **Exit** **Cancel**

FIG. 29

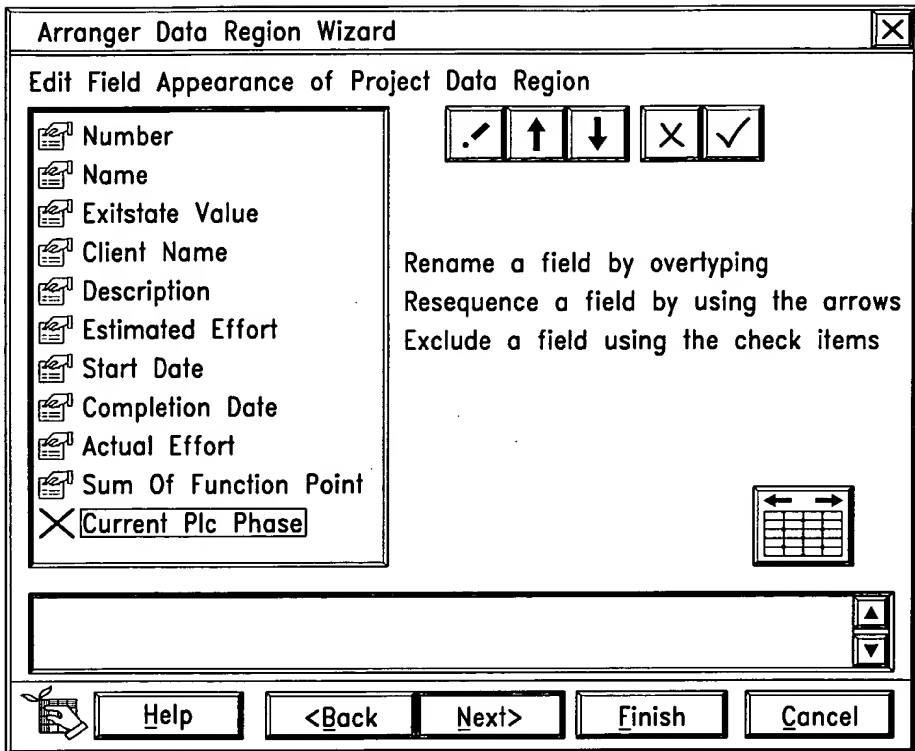


FIG. 31

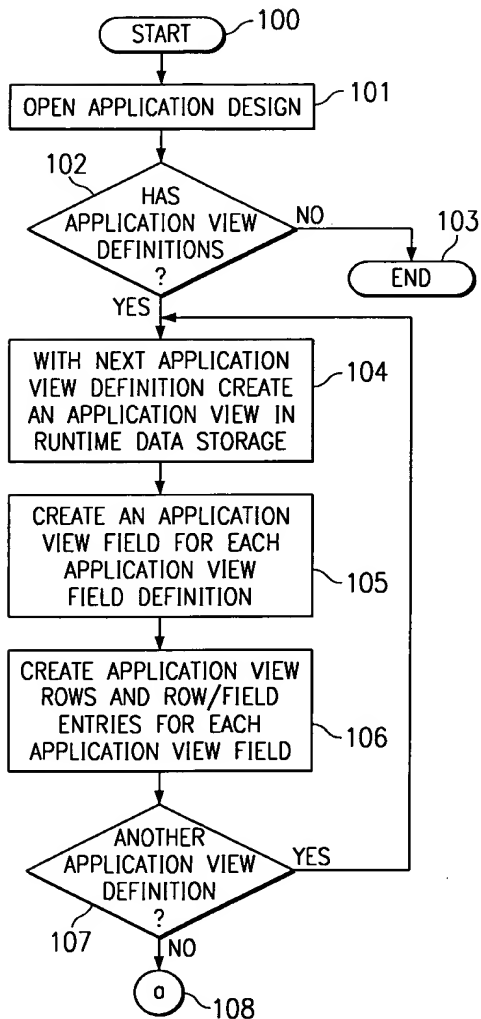


FIG. 32

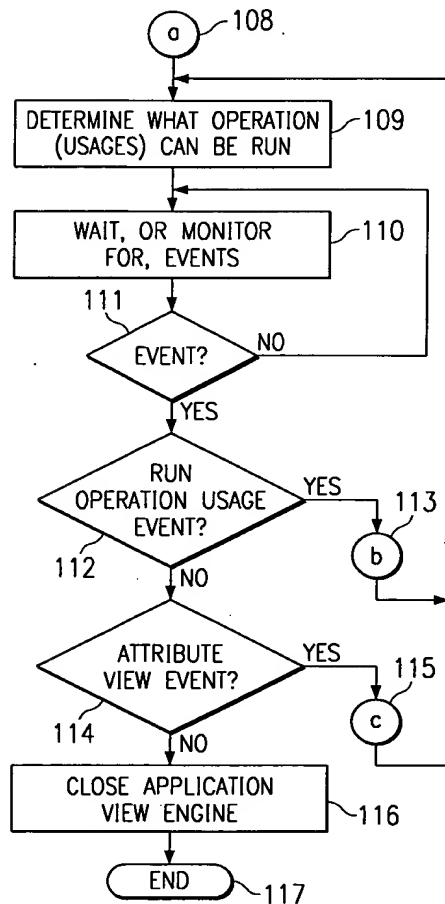
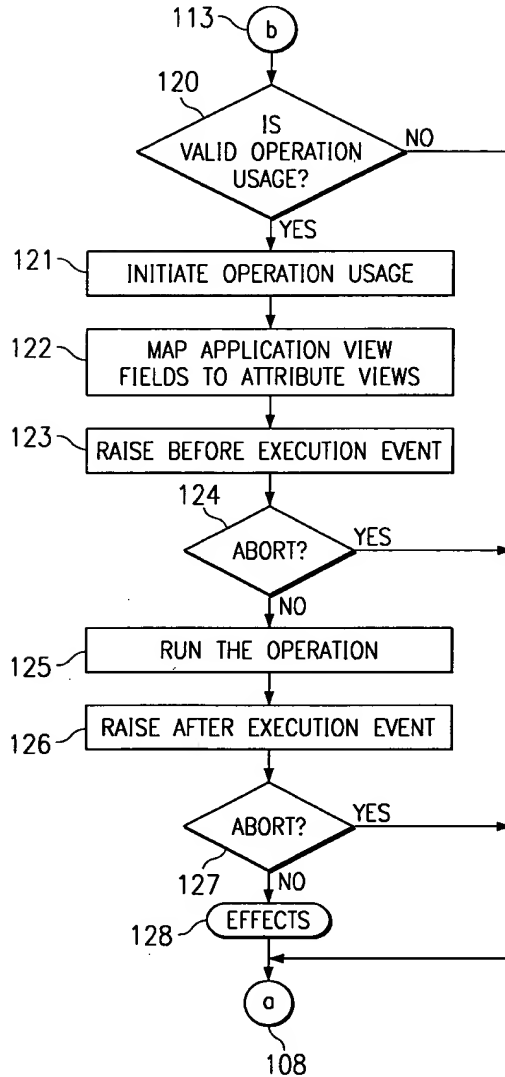
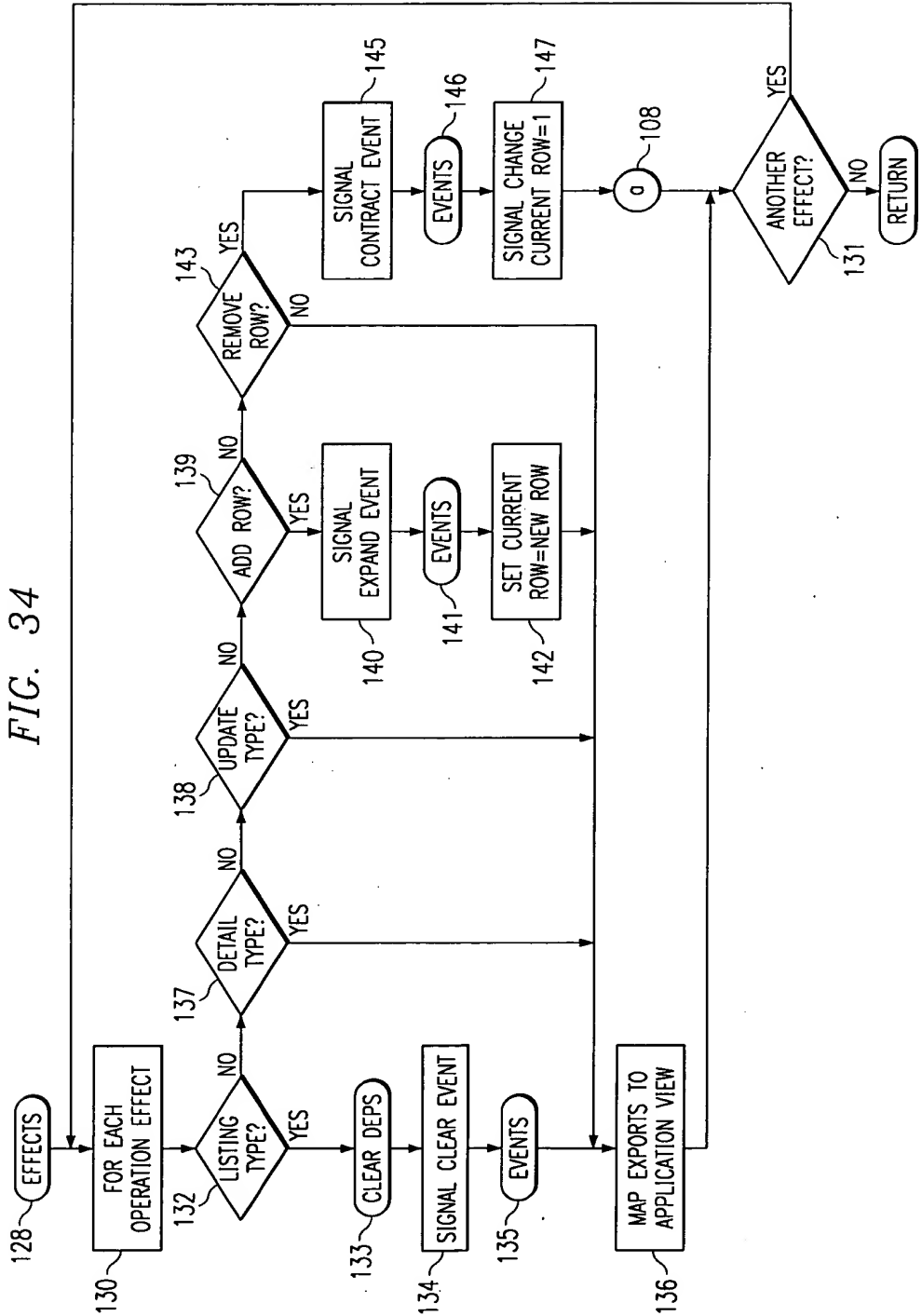


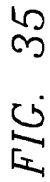
FIG. 33

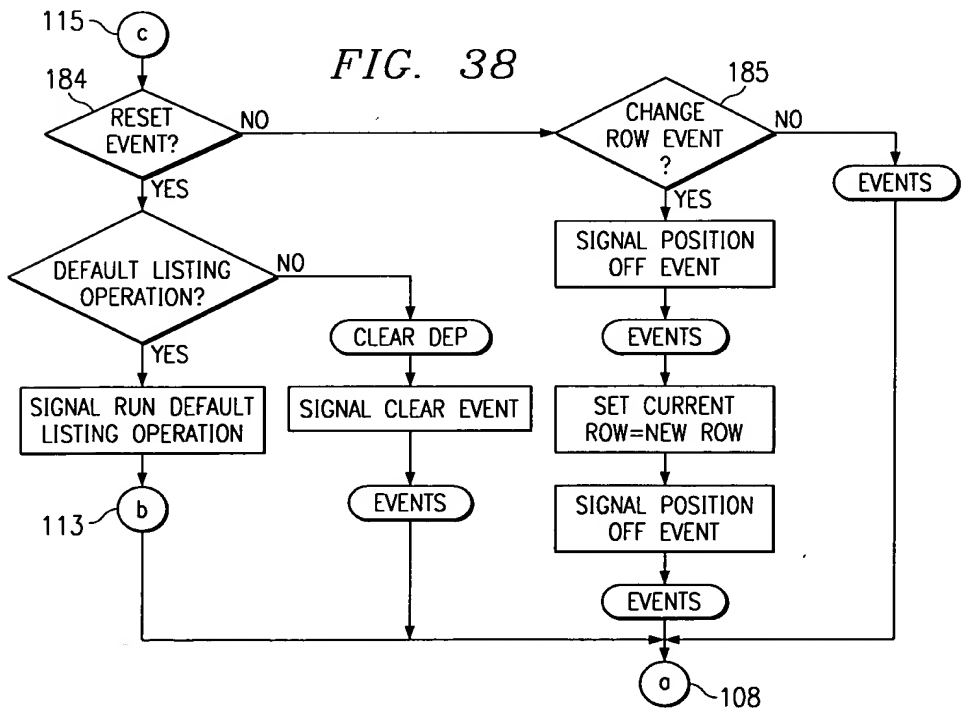
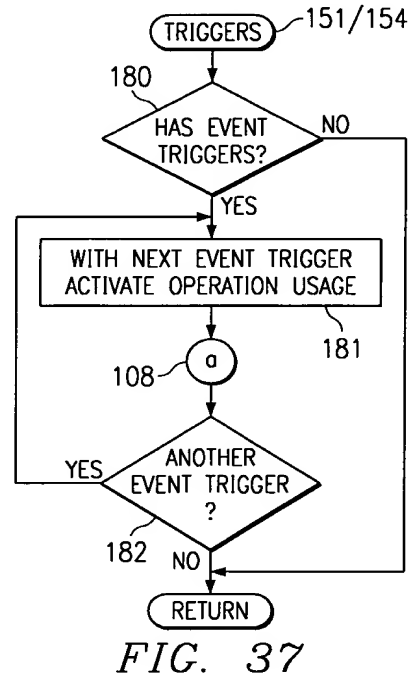
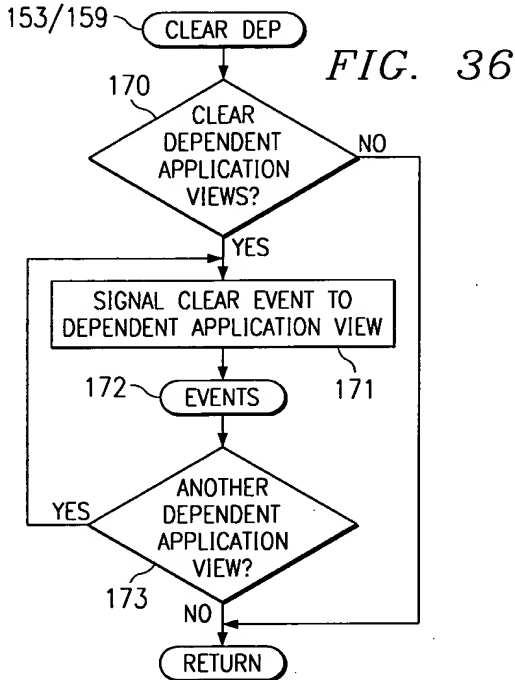


00000507 020601

FIG. 34







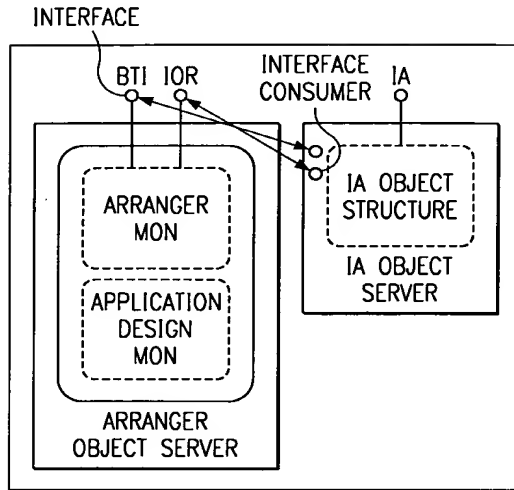


FIG. 39

FIG. 40

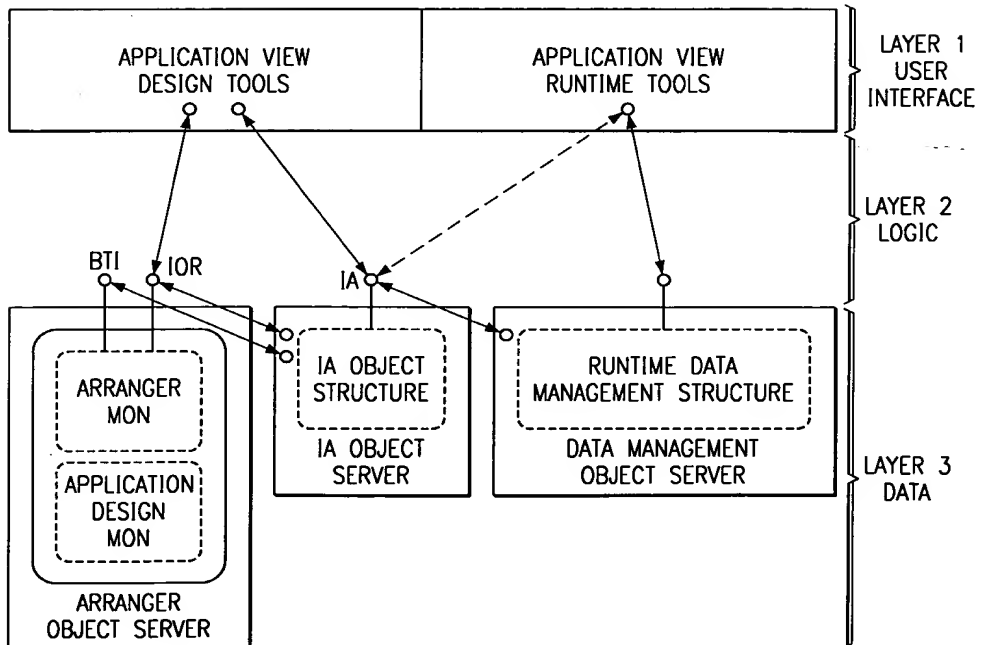
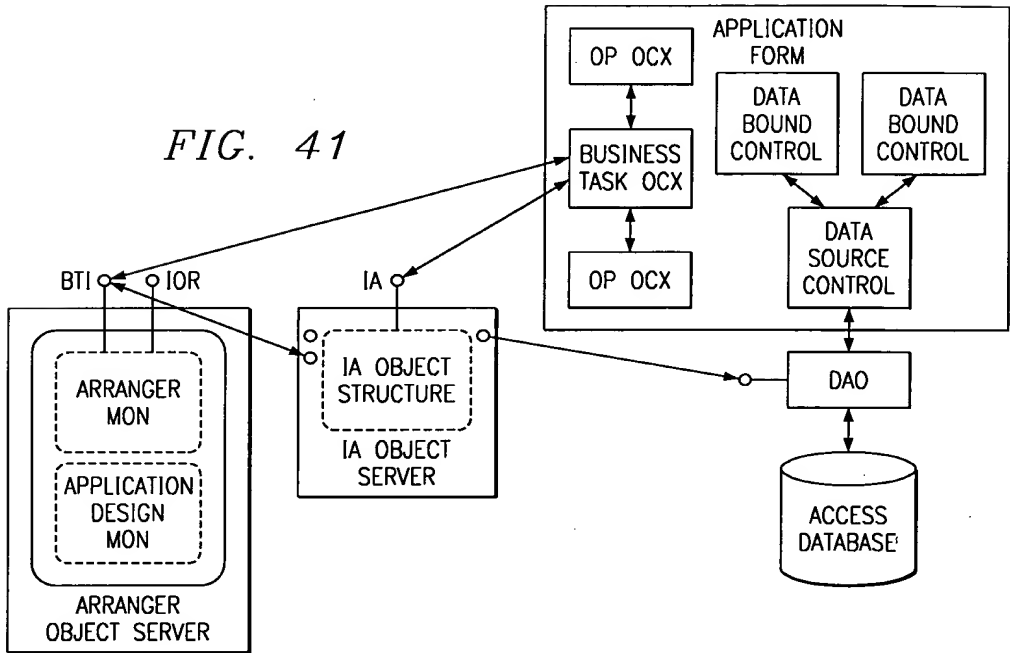


FIG. 41



LAYOUT MANAGER WINDOW

FIG. 43

FIG. 43 is a screenshot of the "Arranger Form Builder for Visual Basic 4.0" window. The window displays the configuration for a form titled "ProjectInfo: Project Information".

The main area is divided into two columns:

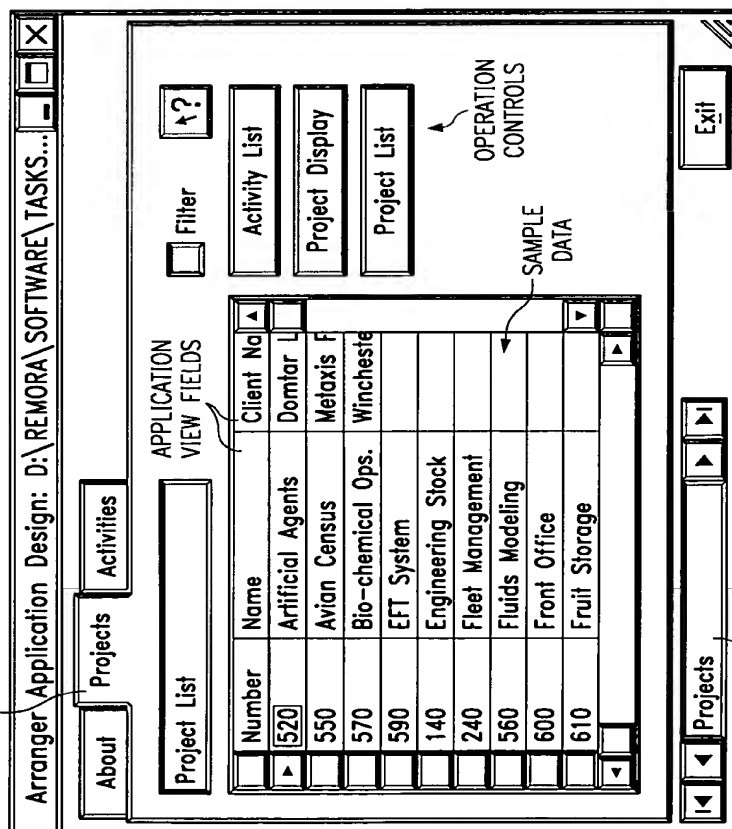
- Left Column (Data Regions):** Labeled "SELECTED APPLICATION VIEWS". It contains a list of data regions:
 - Project Review
 - Team Members
 - Activities
 - Assignments
 - Personnel
 - Project Performance Data
 - Team Member Projects
- Right Column (Operations):** Labeled "SELECTED OPERATION USAGES". It contains a list of operations:
 - Project Update
 - Project Add
 - Project Delete
 - Project List Team Members
 - Activity List
 - Activity Display
 - Activity Update

At the bottom left, there is a checkbox labeled "Improve default control layout" which is checked.

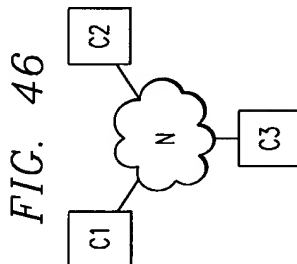
On the right side of the window, there are three buttons: "OK", "Cancel", and "Help". Below these buttons is a button labeled "Designer..." with a small icon of a person at a computer.

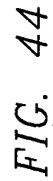
FIG. 42

'PROJECTS'
APPLICATION VIEW



DATA SOURCE CONTROL
REPRESENTING APPLICATION VIEW





405020 20500800

